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Weekly Coal Production

Production for Week Ended: :
June 1, 1991

EIA
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Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between one of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended June 1, 1991, as estimated by the Energy Information Administration, totaled 16 million short tons. This was 16 percent less than in the previous week, in part due to the Memorial Day holiday, and 11 percent lower than in the comparable week in 1990. Production east of the Mississippi River totaled 9 million short tons, and production west of the Mississippi River totaled 7 million short tons.

Coal production in May 1991 totaled 82 million short tons, about the same as in April, but 5 percent lower than in May 1990.

Coal consumption at electric utility plants in March 1991 totaled 59 million short tons, about the same as in February 1991, but slightly lower than in March 1990. In the first quarter of 1991, utility coal consumption was 189 million short tons, about 4 million short tons more than in the first quarter of 1990. The increase reflects a rise in coal-fired electricity generation to help offset declines in generation from petroleum-fired facilities and hydroelectric plants. Utility coal consumption in the first quarter of 1991 rose by more than

1 million short tons in the East North Central, South Atlantic, East South Central, and West South Central Census Divisions. By State, utility coal consumption was about 1 million short tons higher in Alabama, Missouri, and Texas. In Alabama, coal-fired generation largely offset a decline in hydroelectric generation. The increase in utility coal consumption in Missouri and Texas was due mainly to increased demand for electricity in those States. Utility coal consumption dropped by more than 1 million short tons in New Mexico, attributable to a substantial increase in generation from the Palo Verde nuclear power plant in Arizona. Palo Verde is the Nation's largest nuclear power plant

Coal stocks at electric utilities at the end of March 1991 totaled 157 million short tons. This was 5 million short tons more than at the end of February 1991, and 8 million short tons more than at the end of March 1990.

Coal receipts at electric utilities in February 1991 were 61 million short tons. This level was slightly less than in the previous month and in February 1990.

Figure 1. Coal Production

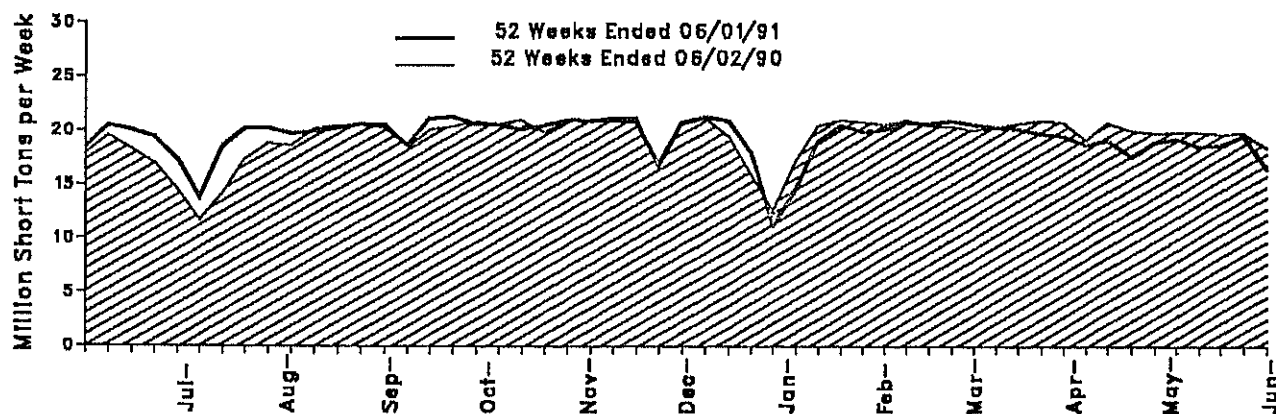


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	06/01/91	05/25/91	06/02/90	06/01/91	06/02/90	Percent Change
Production (Thousand Short Tons)						
Bituminous Coal ¹ and Lignite	16,345	19,394	18,341	1,004,901	1,000,695	0.4
Pennsylvania Anthracite	45	52	58	2,804	3,110	-9.8
U.S. Total	16,390	19,446	18,398	1,007,705	1,003,805	.4
Railroad Cars Loaded	107,819	127,949	121,423	6,538,769	6,486,028	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State
(Thousand Short Tons)**

Region and State	Week Ended		
	06/01/91	05/25/91	06/02/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	9,253	11,630	11,137
Alabama	409	573	529
Illinois	949	1,135	1,030
Indiana	617	705	633
Kentucky	2,321	3,065	3,023
Kentucky, Eastern	1,828	2,324	2,238
Kentucky, Western	493	742	785
Maryland	51	64	62
Ohio	528	658	586
Pennsylvania Bituminous	1,111	1,319	1,324
Tennessee	92	119	115
Virginia	722	937	816
West Virginia	2,454	3,054	3,019
West of the Mississippi	7,092	7,764	7,203
Alaska	20	24	22
Arizona	174	206	144
Arkansas	1	1	*
Colorado	411	413	322
Iowa	6	7	6
Kansas	14	18	14
Louisiana	30	58	36
Missouri	40	47	46
Montana	694	701	730
New Mexico	466	455	380
North Dakota	534	539	565
Oklahoma	32	37	37
Texas	920	1,090	978
Utah	457	475	381
Washington	78	92	91
Wyoming	3,216	3,604	3,450
Bituminous Coal ¹ and Lignite Total	16,345	19,394	18,341
Pennsylvania Anthracite	45	52	58
Total	16,390	19,446	18,398

¹ Includes subbituminous coal.

Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Production by State, May 1991
(Thousand Short Tons)

Region and State	May 1991	April 1991	May 1990	Year to Date		
				1991	1990	Percent Change
Bituminous Coal ¹ and Lignite						
East of the Mississippi	48,481	47,163	53,744	241,335	269,272	-10.4
Alabama	2,266	2,146	2,545	11,382	12,644	-10.0
Illinois	4,806	4,924	5,291	25,254	26,775	-5.7
Indiana	3,098	3,166	2,955	15,265	15,164	.7
Kentucky	12,621	12,172	14,481	63,284	73,963	-14.4
Kentucky, Eastern	9,765	9,261	10,659	48,153	54,768	-12.1
Kentucky, Western	2,855	2,911	3,822	15,131	19,197	-21.2
Maryland	273	229	293	1,200	1,546	-22.3
Ohio	2,724	2,682	2,798	13,721	14,913	-8.0
Pennsylvania Bituminous	5,524	5,841	6,235	26,563	30,497	-12.9
Tennessee	475	509	561	2,697	2,806	-3.9
Virginia	3,748	3,236	3,974	17,592	20,562	-14.4
West Virginia	12,950	12,457	14,610	64,378	70,402	-8.6
West of the Mississippi	33,120	33,927	32,490	174,153	163,303	6.6
Alaska	102	101	103	604	583	3.5
Arizona	866	860	674	4,540	4,514	.6
Arkansas	5	1	1	10	7	36.8
California	-	-	-	-	13	.0
Colorado	1,749	1,817	1,615	8,797	8,109	8.5
Iowa	29	29	30	148	154	-3.8
Kansas	68	68	65	368	354	3.7
Louisiana	198	222	314	1,135	1,280	-11.3
Missouri	198	197	216	1,000	1,125	-11.1
Montana	3,035	3,047	3,050	15,846	15,415	2.8
New Mexico	2,084	1,639	2,166	9,786	10,242	-4.5
North Dakota	2,332	2,496	2,359	12,872	12,427	3.6
Oklahoma	140	124	166	709	837	-15.3
Texas	4,590	4,560	4,592	22,786	22,706	.4
Utah	1,979	2,013	1,903	9,839	9,651	1.9
Washington	387	385	427	2,088	2,092	-.2
Wyoming	15,359	16,368	14,808	83,616	73,792	13.3
Bituminous ¹ and Lignite Total	81,600	81,090	86,234	415,489	432,575	-3.9
Pennsylvania Anthracite	216	221	272	1,073	1,255	-14.5
U.S. Total	81,816	81,311	86,507	416,561	433,830	-4.0

¹ Includes subbituminous coal.

Note: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 4. Coal Statistics for Electric Utilities, 1982-1991

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh ¹	Percent ²	
1982	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,984	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
1989								
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	58,834	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,786	84.0	145	1.30	58,527	118,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,678	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January	67,637	82.7	145	1.30	66,290	132,672	55.9	137,465
February	62,280	82.1	146	1.30	57,996	115,898	54.5	142,218
March	67,518	83.1	145	1.31	60,748	122,958	54.4	149,388
April	63,888	82.9	147	1.30	57,778	117,278	55.6	155,962
May	64,958	83.1	148	1.30	59,140	119,785	53.7	161,695
June	63,604	82.4	146	1.29	65,167	132,481	53.2	160,823
July	63,427	82.8	144	1.26	71,376	144,225	54.2	152,982
August	70,571	83.5	145	1.29	72,942	147,135	54.8	150,123
September	65,728	82.3	145	1.28	66,727	135,345	56.9	149,013
October	69,159	82.2	146	1.28	64,264	130,282	58.0	155,191
November	65,401	82.3	145	1.27	60,918	123,841	58.0	159,895
December	62,386	81.7	142	1.26	68,335	136,576	57.6	155,163
Total	786,557	82.6	145	1.29	771,678	1,558,457	55.5	
1991								
January	63,356	84.5	146	1.26	71,190	141,677	57.1	148,736
February	61,059	85.6	147	1.26	58,443	117,536	55.6	152,202
March	NA	NA	NA	NA	59,195	118,068	53.4	157,031

¹ Kilowatthours

² Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal-Fired Net Generation, March 1991
(Million Kilowatthours)

Census Division and State	March 1991	March 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England	1,338	1,502	-10.9	4,389	4,605	-4.7	18.2	18.1
Connecticut	111	227	-51.0	513	633	-19.0	7.2	6.9
Maine	-	-	-	-	-	-	-	-
Massachusetts	932	1,003	-7.0	2,937	3,058	-4.0	31.9	30.5
New Hampshire	295	272	8.4	939	914	2.8	24.5	48.0
Rhode Island	0	0	-	0	0	-	.0	.0
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	11,457	11,698	-2.0	34,973	35,708	-2.1	42.2	41.5
New Jersey	507	628	-19.3	1,544	2,096	-26.3	20.8	21.6
New York	2,079	2,095	-.8	6,213	6,354	-2.2	19.4	19.4
Pennsylvania	8,872	8,974	-1.1	27,216	27,256	-.1	62.7	62.7
East North Central	29,096	31,204	-6.8	91,568	90,000	1.7	75.5	74.1
Illinois	4,441	5,000	-11.2	14,817	13,516	9.6	48.8	44.3
Indiana	7,657	8,341	-8.2	23,795	24,187	-1.6	98.6	98.5
Michigan	5,315	5,463	-2.7	16,418	16,322	.6	73.2	67.0
Ohio	9,003	9,581	-6.0	28,350	28,042	1.1	86.5	90.6
Wisconsin	2,680	2,819	-5.0	8,189	7,933	3.2	70.4	71.3
West North Central	12,907	13,628	-5.3	41,935	41,197	.3	75.1	77.2
Iowa	1,925	2,132	-9.7	6,339	6,445	-1.6	84.5	83.6
Kansas	1,434	2,000	-28.3	4,835	5,996	-19.4	67.0	75.6
Minnesota	1,838	2,021	-9.0	6,310	6,903	-8.6	63.8	70.1
Missouri	3,797	3,570	6.4	12,465	10,612	17.5	80.6	77.5
Nebraska	1,292	1,320	-2.1	3,612	3,608	.1	58.8	66.4
North Dakota	2,361	2,336	1.1	7,024	6,970	.8	94.2	93.5
South Dakota	259	250	3.8	750	662	13.2	54.6	51.6
South Atlantic	21,775	23,252	-6.4	72,808	70,517	3.2	57.7	57.6
Delaware	456	342	33.4	1,364	1,132	20.5	71.8	68.1
District of Columbia	-	-	-	-	-	-	-	-
Florida	3,876	4,333	-10.6	13,836	13,435	3.0	49.9	53.0
Georgia	4,387	4,859	-9.7	13,353	13,699	-2.5	63.2	62.4
Maryland	1,614	1,873	-13.8	5,059	5,483	-7.7	59.6	77.2
North Carolina	2,711	3,209	-15.5	9,917	9,489	4.7	49.5	51.2
South Carolina	1,554	1,468	5.8	5,200	4,390	18.4	31.8	25.6
Virginia	1,397	1,451	-3.8	5,748	4,487	28.1	47.9	37.2
West Virginia	5,781	5,717	1.1	18,332	18,421	-.5	98.9	98.9
East South Central	12,942	13,339	-3.0	41,188	38,964	5.7	68.5	65.8
Alabama	3,843	3,505	9.6	11,340	9,350	21.3	63.8	52.2
Kentucky	5,282	5,697	-7.3	17,050	17,091	-.2	93.7	94.9
Mississippi	542	528	2.6	1,924	1,543	24.8	35.6	33.2
Tennessee	3,276	3,610	-8.3	10,874	10,980	-1.0	58.1	59.0
West South Central	13,441	12,528	7.3	43,783	41,093	6.5	63.8	52.1
Arkansas	1,391	842	47.7	4,424	3,502	26.3	53.7	45.9
Louisiana	1,611	1,509	6.7	4,598	4,098	12.2	38.5	35.0
Oklahoma	2,124	1,902	11.7	6,238	6,215	.4	63.7	58.8
Texas	8,315	8,175	1.7	28,505	27,278	4.5	55.5	55.8
Mountain	14,268	15,222	-6.3	44,770	47,404	-5.6	74.8	79.7
Arizona	1,922	2,169	-11.4	7,043	7,325	-3.9	46.8	55.4
Colorado	2,389	2,525	-5.4	7,243	7,518	-3.7	95.3	95.6
Idaho	-	-	-	-	-	-	-	-
Montana	1,560	1,499	4.0	4,501	4,394	2.4	60.6	63.4
Nevada	1,391	1,276	9.0	4,332	4,105	5.5	82.2	86.3
New Mexico	1,384	2,117	-34.6	4,625	6,181	-25.2	87.5	92.9
Utah	2,444	2,412	1.3	7,476	7,931	-5.8	97.1	97.9
Wyoming	3,178	3,225	-1.4	9,551	8,949	-4.0	98.8	98.9
Pacific	840	587	43.3	2,485	2,044	21.6	3.6	2.9
California	-	-	-	-	-	-	-	-
Oregon	268	-2	NM	754	-9	NM	5.5	-.1
Washington	540	558	-3.1	1,640	1,863	-16.5	5.7	7.2
Alaska	32	31	1.2	90	89	1.1	7.3	7.1
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	118,066	122,958	-4.0	377,278	371,529	1.5	55.5	55.0

^{M1} Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Consumption at Electric Utility Plants, March 1991
(Thousand Short Tons)

Census Division and State	March 1991	February 1991	March 1990	Year to Date		
				1991	1990	Percent Change
New England	498	532	571	1,636	1,744	-6.2
Connecticut	48	68	87	211	255	-17.4
Massachusetts	336	345	379	1,059	1,136	-6.8
New Hampshire	115	118	105	366	353	3.8
Rhode Island	0	0	0	0	0	-
Middle Atlantic	4,584	4,431	4,674	14,042	14,342	-2.1
New Jersey	194	199	242	615	803	-23.4
New York	835	781	842	2,477	2,567	-3.6
Pennsylvania	3,555	3,451	3,590	10,950	10,972	-2.2
East North Central	13,852	13,452	14,776	43,718	42,714	2.4
Illinois	2,244	2,313	2,510	7,573	6,875	10.2
Indiana	3,817	3,701	4,124	11,871	11,972	-8.8
Michigan	2,465	2,331	2,515	7,577	7,418	2.1
Ohio	3,834	3,758	4,071	12,082	12,023	.5
Wisconsin	1,491	1,350	1,558	4,614	4,426	4.3
West North Central	8,270	8,050	8,795	26,295	26,417	-5.5
Iowa	1,180	1,207	1,279	3,868	3,900	-8.8
Kansas	910	828	1,273	3,087	3,831	-19.4
Minnesota	1,174	1,245	1,386	3,994	4,477	-10.8
Missouri	1,927	1,879	1,781	6,300	5,310	18.7
Nebraska	814	712	830	2,274	2,281	-3.3
North Dakota	2,023	1,876	2,010	6,063	5,990	1.2
South Dakota	243	205	235	708	628	12.8
South Atlantic	8,765	9,221	9,201	29,131	27,989	4.2
Delaware	188	190	142	581	474	22.6
Florida	1,601	1,877	1,764	5,663	5,448	3.9
Georgia	1,861	1,794	1,962	5,684	5,559	2.3
Maryland	629	614	717	1,939	2,125	-8.8
North Carolina	1,050	1,263	1,220	3,836	3,646	5.2
South Carolina	616	609	590	2,061	1,787	16.6
Virginia	554	761	565	2,236	1,746	28.1
West Virginia	2,266	2,113	2,240	7,130	7,204	-1.0
East South Central	5,607	5,562	5,611	17,669	16,555	6.7
Alabama	1,691	1,382	1,448	4,829	3,901	23.8
Kentucky	2,329	2,504	2,480	7,530	7,462	.9
Mississippi	220	256	213	774	631	22.8
Tennessee	1,367	1,421	1,470	4,536	4,561	-6.6
West South Central	9,182	9,626	8,554	30,386	28,499	6.6
Arkansas	854	838	599	2,724	2,174	25.3
Louisiana	1,059	834	960	3,049	2,715	12.3
Oklahoma	1,256	1,175	1,116	3,741	3,685	1.5
Texas	6,013	6,779	5,879	20,872	19,925	4.8
Mountain	7,860	7,196	8,164	24,252	25,433	-4.6
Arizona	955	1,015	1,086	3,525	3,643	-3.2
Colorado	1,273	1,199	1,333	3,926	4,007	-2.0
Montana	978	857	944	2,836	2,771	2.3
Nevada	745	732	628	2,294	2,023	13.4
New Mexico	828	594	1,234	2,502	3,619	-30.9
Utah	1,081	976	1,014	3,243	3,365	-3.6
Wyoming	2,001	1,821	1,925	5,926	6,005	-1.3
Pacific	576	373	401	1,699	1,361	24.8
Oregon	179	130	0	508	0	-
Washington	369	216	373	1,108	1,283	-13.6
Alaska	29	27	28	82	79	4.7
U.S. Total	59,195	58,443	60,748	188,828	185,034	2.1

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Stocks at Electric Utility Plants, March 1991
(Thousand Short Tons)

Census Division and State	March 31, 1991	February 28, 1991	March 31, 1990	Percent Change March 31: 1991 versus 1990
New England	1,092	1,030	1,139	-4.1
Connecticut	197	133	189	16.4
Massachusetts	566	529	674	-16.2
New Hampshire	302	340	268	12.9
Rhode Island	28	28	28	.0
Middle Atlantic	16,087	16,408	14,190	13.4
New Jersey	660	814	724	-8.7
New York	1,862	1,976	1,390	34.0
Pennsylvania	13,565	13,618	12,077	12.3
East North Central	37,864	37,497	35,096	7.9
Illinois	6,738	6,691	8,038	-16.2
Indiana	8,554	9,726	8,821	8.3
Michigan	7,647	7,840	6,475	18.1
Ohio	10,535	9,938	8,188	28.7
Wisconsin	3,390	3,302	3,574	-5.2
West North Central	19,237	18,477	19,504	-1.4
Iowa	4,143	3,757	3,405	21.7
Kansas	3,501	3,540	3,518	-.5
Minnesota	2,108	2,138	2,222	-5.1
Missouri	5,000	4,549	5,448	-8.2
Nebraska	1,571	1,460	1,600	-1.8
North Dakota	2,617	2,737	3,028	-13.6
South Dakota	298	295	284	4.7
South Atlantic	30,291	28,960	27,580	9.8
Delaware	391	453	410	-4.6
Florida	5,310	4,991	5,181	2.5
Georgia	6,253	6,179	5,847	6.9
Maryland	2,208	1,975	1,502	47.0
North Carolina	5,115	4,835	4,758	7.5
South Carolina	2,051	1,902	2,279	-10.0
Virginia	1,757	1,589	1,762	-.3
West Virginia	7,205	7,037	5,841	23.4
East South Central	16,730	15,676	15,669	6.8
Alabama	4,732	4,265	5,145	-8.0
Kentucky	7,368	7,146	5,910	24.7
Mississippi	806	753	982	-17.9
Tennessee	3,824	3,492	3,632	5.3
West South Central	15,649	14,398	16,805	-5.8
Arkansas	2,183	1,948	2,376	-8.1
Louisiana	2,235	2,388	2,383	-6.2
Oklahoma	3,088	2,830	3,312	-6.8
Texas	8,143	7,232	8,534	-4.8
Mountain	17,850	17,592	17,957	-.6
Arizona	3,714	3,329	3,834	-3.1
Colorado	3,567	3,609	3,824	-6.7
Montana	790	825	868	-9.0
Nevada	1,128	1,118	1,240	-8.0
New Mexico	1,515	1,501	1,287	17.7
Utah	4,189	4,038	3,626	15.5
Wyoming	2,947	3,172	3,278	-10.1
Pacific	2,231	2,165	1,649	35.3
Oregon	757	727	480	57.7
Washington	1,474	1,434	1,165	26.5
Alaska	1	3	4	-87.1
U.S. Total	157,031	152,202	149,388	5.1

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal Receipts at Electric Utility Plants, February 1991
(Thousand Short Tons)

Census Division and State	February 1991	January 1991	February 1990	Year to Date		
				1991	1990	Percent Change
New England	527	518	641	1,043	1,192	-12.5
Connecticut	95	61	98	156	183	-14.8
Massachusetts	383	295	416	658	756	-12.9
New Hampshire	69	160	129	229	253	-9.6
Middle Atlantic	4,187	4,539	5,004	8,726	9,958	-12.4
New Jersey	198	213	277	409	591	-30.8
New York	690	819	917	1,509	1,747	-13.6
Pennsylvania	3,300	3,508	3,810	6,808	7,619	-10.6
East North Central	12,558	12,436	12,245	24,992	25,924	-3.6
Illinois	2,374	2,236	2,075	4,610	4,438	3.9
Indiana	3,635	3,341	3,826	6,976	7,959	-12.4
Michigan	1,233	1,360	1,178	2,593	2,487	4.3
Ohio	4,027	4,189	4,082	8,216	8,545	-3.8
Wisconsin	1,286	1,310	1,102	2,597	2,498	4.0
West North Central	8,688	8,570	8,148	17,258	17,800	-3.0
Iowa	1,271	1,007	970	2,278	2,044	11.4
Kansas	929	1,050	1,291	1,979	2,655	-25.5
Minnesota	1,229	1,431	1,352	2,659	3,215	-17.3
Missouri	2,354	2,131	1,944	4,485	4,448	.8
Nebraska	731	624	658	1,358	1,457	-7.0
North Dakota	1,988	2,088	1,747	4,076	3,644	11.9
South Dakota	186	240	183	426	337	26.4
South Atlantic	10,155	11,042	11,592	21,196	23,268	-8.9
Delaware	170	252	202	423	407	3.9
Florida	1,848	2,203	2,081	4,151	4,001	3.8
Georgia	2,081	2,200	1,981	4,282	4,055	5.6
Maryland	602	604	885	1,206	1,701	-29.1
North Carolina	1,492	1,825	2,016	3,117	4,001	-22.1
South Carolina	617	699	800	1,316	1,465	-10.2
Virginia	755	883	654	1,638	1,600	2.3
West Virginia	2,480	2,575	3,013	5,065	6,038	-16.1
East South Central	6,201	6,097	6,623	12,298	13,806	-10.9
Alabama	1,977	1,884	1,726	3,841	3,531	8.8
Kentucky	2,418	2,468	2,859	4,884	6,067	-19.5
Mississippi	287	245	280	512	538	-4.8
Tennessee	1,539	1,522	1,759	3,081	3,670	-16.6
West South Central	10,189	10,581	9,112	20,750	19,508	6.4
Arkansas	1,067	1,088	570	2,188	1,493	45.0
Louisiana	985	950	708	1,915	1,483	29.1
Oklahoma	1,344	1,315	1,272	2,659	2,722	-2.3
Texas	6,813	7,198	6,563	14,011	13,810	1.5
Mountain	7,990	9,108	8,434	17,096	17,495	-2.3
Arizona	1,148	1,444	1,248	2,591	2,628	-1.4
Colorado	1,393	1,491	1,211	2,885	2,583	11.7
Montana	885	1,031	932	1,916	1,883	1.8
Nevada	675	747	810	1,422	1,557	-8.7
New Mexico	853	1,023	1,161	1,876	2,336	-19.7
Utah	1,217	1,205	1,177	2,423	2,478	-2.2
Wyoming	1,818	2,165	1,895	3,983	4,030	-1.2
Pacific	567	489	483	1,058	966	9.3
Oregon	186	106	-	302	-	-
Washington	371	383	483	754	966	-21.9
U.S. Total	61,059	63,356	62,280	124,415	129,916	-4.2

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Coal Receipts at Electric Utility Plants,
February 1991**

Census Division and State	February 1991		February 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.90	183	0.91	179	0.85	182	0.97	178	-11.7	2.3
Connecticut .....	.41	221	.42	213	.41	222	.42	212	-1.4	5.1
Massachusetts .....	.93	174	.90	172	.85	174	.95	170	-10.1	2.3
New Hampshire	1.38	178	1.32	176	1.15	179	1.42	177	-18.7	.8
Mid Atlantic	1.61	157	1.62	155	1.61	159	1.61	155	.1	2.7
New Jersey .....	.98	185	.80	179	.91	186	.83	180	9.9	3.4
New York	1.37	164	1.39	163	1.40	163	1.40	163	-.1	.4
Pennsylvania	1.70	154	1.74	151	1.70	157	1.72	151	-1.2	3.6
East North Central	1.73	154	1.78	154	1.78	153	1.78	154	-.2	-.3
Illinois	1.84	179	1.85	179	1.93	173	1.97	177	-2.0	-2.0
Indiana	1.92	139	1.97	142	2.04	139	1.98	141	3.0	-1.5
Michigan .....	.73	174	.72	172	.71	171	.73	174	-2.3	-1.9
Ohio	2.08	149	2.07	150	2.10	151	2.08	150	.9	.6
Wisconsin .....	.75	140	.80	140	.74	138	.76	138	-2.5	.3
West North Central	1.08	112	1.09	115	1.07	113	1.10	115	-2.8	-2.2
Iowa .....	.49	98	.42	100	.48	98	.42	101	13.9	-2.7
Kansas .....	.73	130	.74	124	.70	128	.68	124	2.9	3.1
Minnesota .....	.55	140	.55	138	.55	139	.55	131	1.0	5.8
Missouri	1.73	133	2.04	137	1.72	135	2.04	141	-15.8	-4.5
Nebraska .....	.42	77	.43	78	.41	78	.43	77	-3.7	.6
North Dakota	1.31	67	1.10	70	1.33	69	1.15	68	15.2	1.3
South Dakota	1.48	122	1.42	124	1.42	114	1.41	128	.6	-9.1
South Atlantic	1.20	171	1.22	168	1.19	171	1.19	168	*	1.6
Delaware .....	.80	180	.74	184	.77	181	.75	183	3.3	-1.5
Florida	1.31	193	1.39	187	1.29	192	1.35	187	-4.5	2.3
Georgia	1.33	178	1.42	175	1.32	178	1.37	175	-3.3	1.8
Maryland	1.08	168	1.14	167	1.08	168	1.11	166	-4.8	1.6
North Carolina .....	.76	182	.75	177	.77	180	.74	177	3.3	1.7
South Carolina .....	.90	171	.91	170	.92	172	.91	171	1.7	.6
Virginia .....	.78	158	.74	160	.77	156	.76	160	1.0	-2.8
West Virginia	1.53	148	1.54	146	1.56	149	1.52	147	2.6	.7
East South Central	1.79	142	1.81	143	1.75	142	1.83	142	-3.9	-.4
Alabama	1.26	183	1.25	187	1.24	181	1.24	189	.6	-3.8
Kentucky	2.38	115	2.26	117	2.30	117	2.29	117	.5	-.1
Mississippi	1.40	171	1.21	165	1.29	172	1.31	164	-2.1	4.5
Tennessee	1.69	123	1.73	135	1.66	124	1.73	134	-4.4	-7.3
West South Central .....	.77	155	.85	149	.79	151	.86	146	-8.0	3.3
Arkansas .....	.38	159	.37	212	.37	158	.38	166	-4.4	-14.8
Louisiana .....	.53	179	.61	173	.53	177	.61	173	-13.1	2.3
Oklahoma .....	.47	137	.54	136	.47	133	.54	136	-12.9	-2.4
Texas .....	.96	155	.99	142	.98	149	1.03	140	-4.1	6.6
Mountain .....	.56	117	.54	114	.56	115	.56	114	1.2	.6
Arizona .....	.51	158	.45	145	.51	147	.45	145	14.1	1.5
Colorado .....	.38	107	.40	113	.39	105	.41	111	-2.9	-5.6
Montana .....	.76	68	.73	56	.77	68	.77	63	-.6	7.5
Nevada .....	.47	153	.48	148	.47	145	.47	151	-.3	-4.0
New Mexico .....	.93	144	.77	134	.92	145	.84	137	9.1	5.9
Utah .....	.41	119	.41	117	.40	120	.45	113	-9.3	6.0
Wyoming .....	.63	85	.63	85	.64	85	.61	83	4.3	2.4
Pacific .....	.64	140	.75	161	.65	142	.77	158	-15.9	-10.0
Oregon .....	.38	108	-	-	.40	109	-	-	-	-
Washington .....	.79	158	.75	161	.75	156	.77	158	-2.4	-1.1
U.S. Total	1.26	147	1.30	146	1.28	146	1.30	146	-2.5	.5

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, February 1991

Census Division and State	February 1991		February 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.86	186	0.93	180	0.84	185	1.00	177	-15.6	4.5
Connecticut .....	.41	221	.42	213	.41	222	.41	213	-.2	4.5
Massachusetts .....	.94	175	.96	169	.90	175	.98	168	-8.3	4.1
New Hampshire	1.24	182	1.28	176	1.10	181	1.50	176	-28.8	3.0
Mid Atlantic	1.65	161	1.68	158	1.65	164	1.67	159	-1.1	3.1
New Jersey .....	.96	186	.79	178	.92	187	.81	179	13.9	4.8
New York	1.39	164	1.38	167	1.39	164	1.40	165	-.7	-.6
Pennsylvania	1.75	159	1.82	155	1.75	162	1.81	155	-3.3	4.3
East North Central	1.78	162	1.81	162	1.84	162	1.82	162	.9	-.1
Illinois	1.90	184	1.97	187	2.00	179	1.99	184	.6	-2.7
Indiana	1.99	142	1.97	145	2.12	143	2.01	146	5.4	-2.0
Michigan .....	.78	183	.67	177	.74	180	.68	180	8.6	.3
Ohio	2.16	163	2.14	162	2.20	165	2.18	163	1.0	.9
Wisconsin .....	.84	149	.89	150	.82	145	.84	145	-2.5	-.1
West North Central	1.08	112	1.05	116	1.07	114	1.08	117	-1.2	-2.4
Iowa .....	.46	101	.42	106	.46	104	.41	107	11.4	-3.0
Kansas .....	.54	137	.41	125	.52	137	.43	125	21.7	9.5
Minnesota .....	.55	140	.54	138	.55	139	.53	134	5.3	3.9
Missouri	1.82	129	2.16	138	1.79	133	2.17	144	-17.7	-7.9
Nebraska .....	.40	80	.42	81	.40	80	.42	80	-6.8	.2
North Dakota	1.32	69	1.10	70	1.34	71	1.15	68	16.2	3.8
South Dakota	1.48	122	1.42	124	1.42	114	1.41	128	.6	-9.1
South Atlantic	1.24	177	1.25	176	1.25	178	1.21	175	2.8	1.4
Delaware .....	.67	184	.71	185	.68	184	.73	183	-7.8	.3
Florida	1.30	200	1.33	195	1.30	201	1.30	198	.1	2.5
Georgia	1.54	188	1.48	180	1.55	189	1.38	180	12.4	5.0
Maryland	1.09	170	1.14	170	1.07	170	1.12	170	-4.6	*
North Carolina .....	.75	185	.74	183	.75	185	.73	183	2.6	1.3
South Carolina .....	.92	177	.91	175	.94	178	.90	175	4.5	1.6
Virginia .....	.80	159	.74	156	.78	158	.75	156	4.1	1.5
West Virginia	1.58	153	1.62	157	1.62	154	1.59	157	2.0	-2.2
East South Central	1.88	145	1.88	152	1.83	148	1.88	153	-2.4	-4.6
Alabama	1.24	196	1.09	206	1.19	196	1.07	206	10.3	-4.6
Kentucky	2.61	115	2.85	120	2.54	117	2.88	120	-5.3	-2.4
Mississippi	1.39	171	1.12	170	1.22	174	1.16	170	5.2	2.4
Tennessee	1.72	123	1.80	138	1.67	125	1.79	138	-8.4	-9.8
West South Central .....	.79	157	.86	150	.80	152	.87	147	-7.6	3.1
Arkansas .....	.38	159	.37	212	.37	158	.38	188	-4.4	-14.8
Louisiana .....	.53	179	.61	173	.53	177	.61	173	-13.1	2.3
Oklahoma .....	.48	141	.52	137	.48	135	.49	138	-2.7	-2.2
Texas .....	.98	156	1.02	143	1.00	150	1.04	141	-4.5	6.4
Mountain .....	.57	119	.55	116	.57	117	.58	116	1.8	1.5
Arizona .....	.52	155	.45	145	.51	148	.45	145	14.5	.9
Colorado .....	.38	111	.40	114	.39	109	.41	112	-3.5	-2.9
Montana .....	.76	88	.73	58	.77	68	.77	63	-.8	7.5
Nevada .....	.47	153	.48	148	.47	145	.47	151	-.3	-4.0
New Mexico .....	.93	144	.77	134	.92	145	.84	137	9.1	5.9
Utah .....	.41	120	.40	119	.40	122	.44	114	-8.4	6.5
Wyoming .....	.65	89	.68	88	.65	90	.63	86	3.4	5.4
Pacific .....	.64	140	.86	169	.65	142	.88	165	-26.9	-13.7
Oregon .....	.38	108	-	-	.40	109	-	-	-	-
Washington .....	.79	158	.86	169	.75	156	.88	165	-15.1	-5.1
U.S. Total	1.28	151	1.29	150	1.28	150	1.29	149	-.6	.6

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, February 1991

Census Division and State	February 1991		February 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	1.06	171	0.84	178	0.89	172	0.83	182	6.8	-5.2
Connecticut	-	-	-	-	-	-	.45	203	-	-
Massachusetts .....	.89	171	.78	178	.72	171	.85	177	-15.3	-3.4
New Hampshire	1.72	168	1.80	174	1.28	174	.98	187	29.8	-6.9
Mid Atlantic	1.39	136	1.43	146	1.42	139	1.43	145	-.9	-3.8
New Jersey	1.12	177	.80	186	.82	180	.95	189	-13.8	-4.9
New York	1.27	162	1.41	156	1.42	160	1.40	157	1.5	2.3
Pennsylvania	1.43	127	1.47	140	1.45	128	1.46	139	-.7	-8.0
East North Central	1.54	122	1.88	127	1.55	122	1.63	128	-4.9	-3.0
Illinois	1.37	137	1.84	127	1.37	134	1.81	134	-24.4	.2
Indiana	1.63	125	1.94	121	1.72	122	1.88	119	-7.4	2.8
Michigan .....	.57	135	.83	160	.80	135	.83	160	-28.5	-15.7
Ohio	1.91	118	1.92	123	1.89	120	1.88	121	.2	-1.3
Wisconsin .....	.36	105	.41	103	.36	105	.40	104	-8.7	.9
West North Central	1.07	112	1.33	109	1.05	108	1.19	109	-11.2	-.8
Iowa .....	.55	90	.41	80	.52	88	.44	83	17.4	4.6
Kansas	1.33	108	2.49	122	1.16	104	2.05	118	-43.4	-12.1
Minnesota .....	.39	134	.72	103	.32	130	.77	107	-58.1	21.8
Missouri	1.40	147	1.60	130	1.45	142	1.51	129	-4.0	10.5
Nebraska .....	.49	65	.43	68	.49	65	.43	68	12.8	-4.1
North Dakota	1.13	42	-	-	1.14	41	-	-	-	-
South Atlantic .....	.98	142	1.13	147	.98	143	1.13	148	-13.5	-3.0
Delaware	1.14	168	.80	182	1.11	168	.78	183	42.2	-7.9
Florida	1.36	153	1.60	152	1.25	154	1.57	151	-20.5	1.9
Georgia .....	.80	145	1.20	157	.76	151	1.32	155	-42.8	-3.1
Maryland	1.00	158	1.14	161	1.02	160	1.11	160	-7.7	*
North Carolina .....	.87	138	.77	161	.87	138	.76	161	14.1	-14.3
South Carolina .....	.84	146	.90	156	.84	146	.94	159	-9.8	-7.8
Virginia .....	.73	150	.74	166	.72	149	.77	167	-5.8	-10.6
West Virginia	1.17	115	1.31	115	1.23	115	1.30	114	-5.4	.8
East South Central	1.34	125	1.62	119	1.39	125	1.69	116	-17.7	7.2
Alabama	1.35	136	1.82	122	1.44	133	1.91	118	-24.7	12.1
Kentucky	1.28	114	1.61	113	1.24	117	1.67	113	-25.5	3.3
Mississippi	2.12	138	1.47	153	2.15	139	1.80	146	19.5	-4.5
Tennessee	1.47	124	1.48	122	1.52	123	1.51	120	.5	2.3
West South Central .....	.39	118	.63	123	.40	121	.88	123	-41.1	-1.8
Oklahoma .....	.40	107	.76	128	.40	111	.82	122	-51.0	-9.0
Texas .....	.39	128	.57	121	.40	132	.53	124	-25.9	7.0
Mountain .....	.48	94	.47	87	.47	91	.46	90	2.9	.8
Arizona .....	.49	160	-	-	.48	161	-	-	-	-
Colorado .....	.38	89	.41	103	.40	91	.40	104	-.3	-12.4
Utah .....	.43	107	.49	106	.42	106	.49	106	-14.1	*
Wyoming .....	.55	64	.48	70	.56	63	.46	68	21.8	-7.7
Pacific	-	-	.26	128	-	-	.26	128	-	-
Washington	-	-	.28	128	-	-	.26	128	-	-
U.S. Total	1.19	125	1.34	131	1.19	126	1.35	130	-11.5	-3.5

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, February 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	346	268	807	188	244	162	1,398	204	1.05	8.5	-1.8	-4.7
Arizona	851	118	-	-	-	-	851	118	.46	-9.8	14.7	-.8
Colorado	1,312	139	-	-	-	-	1,312	139	.38	4.6	-8.8	-3.8
Illinois	-	-	725	162	3,482	159	4,207	160	2.45	-1.4	2.5	1.7
Indiana	36	149	189	139	1,772	130	1,997	131	2.37	-21.0	2.0	5.8
Iowa	-	-	-	-	9	181	9	181	3.65	200.0	12.0	13.9
Kansas	-	-	-	-	40	133	40	133	2.86	-39.1	12.2	9.6
Kentucky	1,306	173	4,689	167	3,235	123	9,231	154	1.48	-11.6	-1.2	-.9
Louisiana	-	-	218	152	-	-	218	152	.90	32.1	16.6	13.7
Maryland	-	-	279	139	6	121	285	138	1.16	6.3	-8.3	-8.3
Missouri	-	-	-	-	159	174	159	174	3.94	-22.6	28.7	-2.6
Montana	423	279	1,712	107	-	-	2,135	144	.67	-1.6	14.3	-2.1
New Mexico	410	188	1,073	155	-	-	1,484	165	.78	-16.4	8.2	18.2
North Dakota	-	-	1,649	77	524	55	2,174	72	1.33	12.6	-3.6	17.8
Ohio	2	150	60	139	2,163	144	2,225	144	2.92	-8.2	-2.1	1.5
Oklahoma	-	-	30	144	-	-	30	144	1.02	-67.7	7.0	-42.3
Pennsylvania	142	160	2,775	156	802	152	3,719	156	1.44	-9.9	1.3	-.5
Tennessee	-	-	207	134	75	124	282	132	1.43	-12.2	-16.3	48.3
Texas	-	-	2,930	124	790	113	3,719	122	1.60	.6	19.6	1.5
Utah	1,313	122	18	139	-	-	1,330	122	.42	.7	.9	-2.0
Virginia	276	193	1,080	166	-	-	1,356	171	.87	-4.4	-.4	2.2
Washington	-	-	371	158	-	-	371	158	.79	-8.2	-6.1	-9.0
West Virginia	1,843	171	2,841	163	2,037	148	6,821	160	1.30	-12.0	2.1	-.5
Wyoming	14,551	137	949	106	69	121	15,570	135	.45	17.6	-1.9	1.2
Imported	-	-	136	171	-	-	136	171	.70	-25.9	-4.4	26.0
U.S. Total	22,813	148	22,839	150	15,407	140	61,059	147	1.26	-2.0	.4	-2.5

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-February 1991

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	683	265	1,376	187	605	165	2,664	203	1.07	-2.3	-2.5	-2.0
Arizona	1,976	108	-	-	-	-	1,976	108	.48	1.1	3.7	-1.5
Colorado	2,655	136	13	94	-	-	2,667	136	.39	1.4	-10.2	-8.1
Illinois	-	-	1,718	159	6,961	160	8,679	160	2.43	-2.5	3.8	1.4
Indiana	95	151	333	137	3,764	130	4,191	131	2.38	-18.6	2.6	4.7
Iowa	-	-	-	-	17	177	17	177	3.41	183.3	9.8	2.9
Kansas	-	-	-	-	82	129	82	129	2.76	-48.7	7.8	8.0
Kentucky	2,721	172	9,643	167	6,231	126	18,595	155	1.46	-15.4	-.2	-3.2
Louisiana	-	-	480	149	-	-	480	149	.86	13.6	5.5	8.8
Maryland	-	-	529	142	6	121	535	141	1.22	20.3	-8.8	-3.9
Missouri	-	-	-	-	315	178	315	178	3.90	-28.4	-14.9	-1.1
Montana	715	273	3,714	107	-	-	4,429	136	.69	-5.6	6.5	-2.7
New Mexico	930	192	2,352	152	-	-	3,181	163	.78	-10.0	4.9	10.5
North Dakota	-	-	3,380	79	1,122	56	4,502	73	1.33	13.1	.4	13.9
Ohio	7	157	98	141	4,458	146	4,563	146	2.93	-11.4	-2.1	1.2
Oklahoma	16	145	62	145	-	-	78	145	.92	-61.8	6.7	-49.5
Pennsylvania	264	161	5,391	160	1,927	152	7,582	158	1.45	-8.4	3.0	-.6
Tennessee	10	149	435	133	134	121	579	131	1.26	-17.3	-14.9	20.9
Texas	-	-	6,343	113	1,648	113	7,991	113	1.57	-2.5	12.6	-.2
Utah	2,643	123	18	139	-	-	2,661	123	.42	-3.6	5.5	-3.0
Virginia	680	187	2,235	166	-	-	2,915	171	.87	-1.9	.1	1.1
Washington	-	-	754	156	-	-	754	156	.75	-6.8	-4.9	-14.9
West Virginia	4,020	171	5,797	163	4,254	148	14,071	160	1.31	-8.2	2.2	2.0
Wyoming	28,108	137	2,388	101	69	121	30,566	134	.45	8.3	-.7	1.9
Imported	173	147	190	171	-	-	363	160	.60	32.3	-10.6	1.3
U.S. Total	45,596	148	47,227	148	31,592	141	124,415	146	1.26	-4.2	.5	-2.5

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-February 1991**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	3,841	3,531	76.6	79.6	1.24	1.24	181	189
Alabama	2,664	2,662	81.3	98.1	1.07	1.08	203	209
Illinois	95	169	37.8	-	1.72	2.02	120	108
Indiana	-	154	-	-	-	2.18	-	115
Kentucky	854	299	71.1	38.7	1.92	1.95	133	127
Ohio	92	73	100.0	100.0	1.72	1.93	120	120
Tennessee	185	115	29.0	8.1	1.22	.67	131	125
West Virginia	150	2	86.0	-	.86	.50	143	106
Wyoming	-	56	-	-	-	.42	-	164
Arizona	2,591	2,628	94.5	100.0	.51	.45	147	145
Arizona	1,116	1,198	100.0	100.0	.44	.45	101	99
Colorado	170	235	100.0	100.0	.35	.32	174	178
New Mexico	1,305	1,197	89.0	100.0	.60	.47	187	188
Arkansas	2,166	1,493	100.0	100.0	.37	.38	158	186
Wyoming	2,166	1,493	100.0	100.0	.37	.38	158	186
Colorado	2,885	2,583	80.6	91.1	.39	.41	105	111
Colorado	1,733	1,701	67.7	86.4	.40	.41	102	113
Wyoming	1,152	882	100.0	100.0	.39	.40	112	109
Connecticut	156	183	100.0	88.3	.41	.42	222	212
Kentucky	156	183	100.0	88.3	.41	.42	222	212
Delaware	423	407	78.0	70.1	.77	.75	181	183
Kentucky	52	15	100.0	12.6	.65	.58	174	194
Pennsylvania	116	87	19.8	35.0	1.11	1.12	171	166
Virginia	31	77	100.0	44.7	1.00	.63	205	193
West Virginia	224	249	100.0	90.7	.59	.69	184	184
Florida	4,151	4,001	80.3	80.3	1.29	1.35	192	187
Illinois	656	603	100.0	100.0	2.44	2.40	218	208
Indiana	68	53	-	-	2.81	2.95	112	108
Kentucky	2,453	2,698	79.5	73.2	1.19	1.25	188	180
Tennessee	27	23	100.0	100.0	.93	.81	220	222
Virginia	161	148	90.0	100.0	.64	.57	234	259
West Virginia	424	298	85.6	96.7	.87	.86	195	193
Imported coal Colombia	363	177	52.3	100.0	.60	.66	180	178
Georgia	4,282	4,055	68.0	78.6	1.32	1.37	178	175
Alabama	-	68	-	-	-	1.61	-	158
Illinois	819	708	100.0	97.3	2.59	2.33	207	170
Kentucky	1,900	2,204	75.4	77.3	1.27	1.30	164	169
Tennessee	32	255	-	64.0	1.48	.94	153	193
Virginia	506	487	88.3	83.1	1.00	1.08	183	178
West Virginia	239	226	89.2	100.0	.53	.57	246	244
Wyoming	784	108	-	-	.41	.39	154	125
Illinois	4,610	4,438	88.9	87.3	1.93	1.97	173	177
Colorado	51	-	-	-	.46	-	155	-
Illinois	2,785	2,585	93.7	92.4	2.74	2.76	142	147
Indiana	274	424	82.2	88.1	1.40	1.45	134	126
Kentucky	250	303	69.5	46.0	.65	1.05	164	154
Montana	627	453	100.0	100.0	.37	.43	277	289
Tennessee	10	-	100.0	-	.59	-	149	-
West Virginia	112	15	18.9	100.0	.58	.53	152	182
Wyoming	501	659	96.9	89.2	.42	.41	287	284
Indiana	6,978	7,959	81.0	82.7	2.04	1.98	139	141
Colorado	112	130	-	100.0	.40	.39	170	300
Illinois	1,325	1,720	90.8	83.0	2.51	2.34	165	157
Indiana	3,258	3,581	80.7	82.6	2.49	2.41	128	127
Kentucky	759	827	92.0	85.1	2.23	2.27	139	139
Montana	67	158	100.0	58.3	.36	.39	282	232
Ohio	10	26	-	-	2.44	2.13	139	122
West Virginia	11	67	-	83.8	.50	.55	170	217
Wyoming	1,434	1,480	73.6	83.6	.42	.40	131	131
Iowa	2,278	2,044	69.9	76.3	.48	.42	98	101
Illinois	3	-	-	-	1.20	-	157	-
Indiana	29	9	-	-	2.08	1.96	162	133
Iowa	17	8	100.0	100.0	3.41	3.31	177	161
Wyoming	2,229	2,029	70.6	76.6	.43	.40	97	101
Kansas	1,979	2,655	73.6	87.2	.70	.68	128	124
Colorado	-	16	-	100.0	-	.29	-	117
Illinois	209	192	28.0	16.1	2.37	2.71	165	136
Kansas	17	88	-	-	2.39	2.46	118	121
Wyoming	1,753	2,369	79.8	95.8	.42	.39	122	123

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-February 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky	4,884	6,087	82.3	62.2	2.30	2.29	117	117
Illinois	-	5	-	-	-	2.49	-	118
Indiana	331	486	85.4	58.1	2.48	2.32	108	108
Kentucky	3,745	4,904	84.2	65.7	2.53	2.50	116	117
Ohio	44	29	18.1	42.3	2.77	2.61	117	138
Pennsylvania	-	5	-	-	-	2.63	-	98
Tennessee	113	55	98.2	83.2	1.83	2.03	116	115
West Virginia	523	584	64.7	36.0	.68	.59	133	125
Wyoming	127	-	100.0	-	2.37	-	125	-
Louisiana	1,915	1,483	100.0	100.0	.53	.61	177	173
Louisiana	460	405	100.0	100.0	.86	.79	149	141
West Virginia	53	9	100.0	100.0	.46	.55	178	202
Wyoming	1,402	1,088	100.0	100.0	.45	.58	184	182
Maryland	1,208	1,701	86.3	59.3	1.06	1.11	168	166
Kentucky	62	134	100.0	61.9	.53	.55	158	165
Maryland	214	290	50.0	46.5	1.11	1.19	172	167
Ohio	7	-	-	-	1.57	-	167	-
Pennsylvania	362	377	98.0	99.9	1.37	1.47	184	188
West Virginia	580	900	92.1	48.1	.90	1.03	159	157
Massachusetts	658	758	75.7	77.4	.85	.95	174	170
Pennsylvania	39	150	-	36.9	1.14	1.10	177	171
Virginia	287	263	71.7	100.0	.76	.94	176	172
West Virginia	332	274	87.9	97.3	.91	.99	172	166
Imported coal Colombia	-	30	-	-	-	.59	-	177
Imported coal Venezuela	-	39	-	-	-	.42	-	180
Michigan	2,593	2,487	75.9	70.8	.71	.73	171	174
Kentucky	1,110	1,057	80.7	67.0	.77	.72	175	187
Montana	-	164	-	100.0	-	.32	-	121
Pennsylvania	222	263	92.8	77.9	1.08	.97	162	182
Virginia	-	57	-	100.0	-	1.09	-	184
West Virginia	957	934	90.4	67.1	.83	.70	179	170
Wyoming	304	12	-	-	.37	.41	118	124
Minnesota	2,859	3,215	99.2	91.5	.55	.55	139	131
Illinois	8	6	100.0	100.0	1.59	1.40	160	184
Montana	1,551	1,756	98.6	84.3	.73	.77	143	134
North Dakota	-	1	-	100.0	-	.87	-	174
Wyoming	1,100	1,452	100.0	100.0	.29	.27	133	127
Mississippi	512	538	92.6	75.3	1.29	1.31	172	164
Illinois	206	187	88.8	92.8	2.12	2.03	148	150
Kentucky	306	372	95.2	67.5	.73	.99	187	170
Missouri	4,485	4,448	79.1	79.0	1.72	2.04	135	141
Colorado	73	-	100.0	-	.40	-	162	-
Illinois	2,037	2,450	78.3	84.2	2.17	2.22	152	148
Indiana	-	9	-	100.0	-	3.57	-	122
Kansas	65	72	-	-	2.86	2.67	133	119
Kentucky	230	230	97.7	100.0	2.48	2.59	125	123
Missouri	315	440	99.5	98.4	3.90	3.94	178	209
Ohio	-	8	-	-	-	2.10	-	173
Oklahoma	-	38	-	100.0	-	3.64	-	138
Wyoming	1,785	1,203	76.0	61.7	.44	.42	99	98
Montana	1,916	1,883	100.0	100.0	.77	.77	88	63
Montana	1,916	1,883	100.0	100.0	.77	.77	88	63
Nebraska	1,358	1,457	83.7	77.2	.41	.43	78	77
Wyoming	1,358	1,457	83.7	77.2	.41	.43	78	77
Nevada	1,422	1,557	100.0	100.0	.47	.47	145	151
Arizona	860	758	100.0	100.0	.48	.48	117	112
Utah	500	554	100.0	100.0	.46	.48	183	181
Wyoming	62	245	100.0	100.0	.44	.42	197	203
New Hampshire	228	253	69.8	84.1	1.15	1.42	179	177
Pennsylvania	159	27	100.0	100.0	1.10	.93	181	178
West Virginia	89	197	-	79.8	1.28	1.62	174	176
Imported coal Venezuela	-	29	-	100.0	-	.43	-	183
New Jersey	409	591	85.9	87.3	.91	.83	186	180
Kentucky	-	7	-	-	-	.83	-	187
Ohio	-	14	-	-	-	1.66	-	203
Pennsylvania	-	9	-	-	-	1.64	-	200
Virginia	128	239	97.9	100.0	.57	.58	180	177
West Virginia	281	322	80.5	86.1	1.08	.97	189	181

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-February 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
New Mexico	1,876	2,336	100.0	100.0	0.92	0.84	145	137
New Mexico	1,876	2,336	100.0	100.0	.92	.84	145	137
New York	1,509	1,747	71.0	66.3	1.40	1.40	163	163
Kentucky	101	56	100.0	100.0	.40	.38	212	208
Maryland	4	*	-	-	1.57	1.64	162	168
Ohio	-	7	-	-	-	1.36	-	157
Pennsylvania	837	897	54.1	42.6	1.40	1.44	157	154
West Virginia	567	787	91.1	91.5	1.58	1.44	163	169
North Carolina	3,117	4,001	89.1	73.6	.77	.74	180	177
Kentucky	1,422	2,130	93.0	69.7	.78	.78	187	181
Virginia	710	682	99.9	93.2	.85	.78	173	168
West Virginia	985	1,189	75.5	69.5	.68	.65	174	174
North Dakota	4,076	3,644	94.0	100.0	1.33	1.15	69	68
North Dakota	4,076	3,644	94.0	100.0	1.33	1.15	69	68
Ohio	8,216	8,545	69.6	68.5	2.10	2.08	151	150
Illinois	-	6	-	-	-	2.49	-	118
Indiana	-	5	-	-	-	2.90	-	104
Kentucky	1,505	1,627	60.4	47.5	.98	1.07	157	156
Ohio	3,978	4,254	71.3	72.0	2.92	2.86	150	152
Pennsylvania	548	527	52.0	52.6	1.63	1.70	143	136
West Virginia	2,185	2,126	77.1	81.8	1.57	1.45	152	145
Oklahoma	2,659	2,722	89.2	87.2	.47	.54	133	136
Oklahoma	78	169	79.5	20.6	.92	1.46	145	135
Wyoming	2,581	2,553	89.5	91.6	.45	.45	132	136
Oregon	302	-	100.0	-	.40	-	109	-
Wyoming	302	-	100.0	-	.40	-	109	-
Pennsylvania	6,808	7,619	84.5	75.6	1.70	1.72	157	151
Kentucky	15	-	100.0	-	1.06	-	177	-
Ohio	177	478	99.5	97.1	3.21	3.23	158	153
Pennsylvania	5,007	5,646	79.3	69.2	1.48	1.48	159	153
West Virginia	1,809	1,494	99.2	93.2	2.24	2.16	151	148
Carolina	1,318	1,485	82.4	76.7	.92	.91	172	171
Wyoming	1,131	1,274	80.7	78.0	.90	.90	173	173
.....	-	44	-	-	-	1.16	-	164
.....	143	142	100.0	91.6	1.14	.87	164	158
.....	42	5	68.8	-	.80	.75	178	170
.....	426	337	100.0	100.0	1.42	1.41	114	126
.....	426	337	100.0	100.0	1.42	1.41	114	126
.....	3,081	3,670	87.3	79.8	1.68	1.73	124	134
.....	450	200	33.6	18.8	1.81	1.78	124	112
.....	-	188	-	-	-	1.71	-	120
.....	2,164	2,878	97.3	88.6	1.73	1.79	124	138
.....	211	209	95.5	70.4	1.04	1.11	121	120
.....	237	195	100.0	100.0	1.28	1.53	128	129
.....	14,011	13,810	98.3	97.1	.98	1.03	149	140
.....	266	275	80.2	77.0	.36	.36	219	213
.....	7,991	8,195	100.0	99.5	1.57	1.58	113	100
.....	5,754	5,339	96.8	94.5	.42	.44	182	181
.....	2,478	2,478	89.2	87.6	.40	.45	120	113
.....	273	273	100.0	100.0	.39	.71	219	228
.....	2,205	2,205	87.9	86.1	.41	.42	109	101
.....	1,600	1,600	71.1	61.6	.77	.76	158	160
.....	621	621	57.3	42.5	.78	.82	155	161
.....	681	681	84.2	78.3	.73	.71	157	158
.....	298	298	65.0	63.4	.81	.75	154	162
.....	966	966	100.0	83.0	.75	.77	158	158
.....	809	809	100.0	99.1	.75	.88	156	164
.....	157	157	-	-	-	.23	-	128
.....	6,038	6,038	83.5	74.7	1.56	1.52	148	147
.....	168	168	75.0	81.2	.74	1.09	190	171
.....	155	155	82.5	55.1	1.30	1.43	120	121
.....	262	262	91.5	64.8	3.33	3.29	98	95
.....	98	98	100.0	26.7	1.75	1.46	106	121
.....	5,355	5,355	83.0	78.4	1.49	1.45	153	150
.....	2,496	2,496	81.6	80.9	.74	.76	138	138
.....	100	100	100.0	100.0	1.43	1.43	156	151
.....	242	242	100.0	97.4	1.78	1.84	199	190
.....	4	4	-	-	-	.66	-	207
.....	280	280	100.0	100.0	.84	.81	170	188

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-February 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Wisconsin								
Pennsylvania	200	214	100.0	100.0	1.32	1.22	150	152
Wyoming	1,811	1,655	73.6	71.8	.41	.40	120	119
Wyoming	3,983	4,030	80.8	86.9	.64	.61	85	83
Wyoming	3,983	4,030	80.8	86.9	.64	.61	85	83
U.S. Total	124,415	129,916	85.0	82.4	1.26	1.30	146	146

* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-February 1991**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	2,664	2,728	81.3	95.7	1.07	1.09	203	208
Alabama	2,664	2,662	81.3	98.1	1.07	1.08	203	209
Georgia	-	66	-	-	-	1.81	-	158
Arizona	1,976	1,954	100.0	100.0	.46	.46	108	104
Arizona	1,116	1,186	100.0	100.0	.44	.45	101	99
Nevada	860	758	100.0	100.0	.48	.48	117	112
Colorado	2,667	2,631	70.9	88.8	.39	.42	136	151
Arizona	170	235	100.0	100.0	.35	.32	174	178
Colorado	1,733	1,701	67.7	86.4	.40	.41	102	113
Illinois	51	-	-	-	.46	-	155	-
Indiana	112	130	-	100.0	.40	.39	170	300
Kansas	-	16	-	100.0	-	.29	-	117
Missouri	73	-	100.0	-	.40	-	182	-
Texas	266	275	80.2	77.0	.36	.36	219	213
Utah	282	273	100.0	100.0	.39	.71	219	226
Illinois	8,679	8,903	85.3	84.2	2.43	2.40	160	154
Alabama	95	169	37.8	-	1.72	2.02	120	108
Florida	656	603	100.0	100.0	2.44	2.40	218	208
Georgia	819	709	100.0	97.3	2.59	2.33	207	170
Illinois	2,785	2,585	93.7	92.4	2.74	2.76	142	147
Indiana	1,325	1,720	90.8	83.0	2.51	2.34	165	157
Iowa	3	-	-	-	1.20	-	157	-
Kansas	209	182	28.0	16.1	2.37	2.71	165	136
Kentucky	-	5	-	-	-	2.49	-	118
Minnesota	8	6	100.0	100.0	1.59	1.40	160	184
Mississippi	206	167	88.8	92.8	2.12	2.03	148	150
Missouri	2,037	2,450	78.3	84.2	2.17	2.22	152	148
Ohio	-	6	-	-	-	2.49	-	118
Tennessee	450	200	33.6	18.8	1.81	1.78	124	112
Wisconsin	85	100	100.0	100.0	1.43	1.43	156	151
Indiana	4,191	5,152	79.1	73.3	2.38	2.27	131	127
Alabama	-	154	-	-	-	2.18	-	115
Florida	68	53	-	-	2.81	2.95	112	108
Illinois	274	424	62.2	68.1	1.40	1.45	134	126
Indiana	3,258	3,581	80.7	82.6	2.49	2.41	128	127
Iowa	29	9	-	-	2.08	1.96	162	133
Kentucky	331	486	85.4	58.1	2.48	2.32	106	108
Missouri	-	9	-	100.0	-	3.57	-	122
.....	-	5	-	-	-	2.90	-	104
.....	-	188	-	-	-	1.71	-	120
.....	232	242	100.0	97.4	1.78	1.84	199	190
.....	17	8	100.0	100.0	3.41	3.31	177	161
.....	17	6	100.0	100.0	3.41	3.31	177	161
.....	82	160	-	-	2.76	2.55	129	120
.....	17	88	-	-	2.39	2.46	118	121
.....	65	72	-	-	2.86	2.67	133	119
.....	18,595	21,992	82.1	70.7	1.46	1.51	155	155
.....	654	289	71.1	38.7	1.92	1.95	133	127
.....	156	183	100.0	86.3	.41	.42	222	212
.....	52	15	100.0	12.6	.65	.58	174	194
.....	2,453	2,698	79.5	73.2	1.19	1.25	188	180
.....	1,900	2,204	75.4	77.3	1.27	1.30	164	169
.....	250	303	69.5	46.0	.65	1.05	164	154
.....	759	827	82.0	85.1	2.23	2.27	139	139
.....	3,745	4,904	84.2	65.7	2.53	2.50	116	117
.....	82	134	100.0	81.9	.53	.55	158	165
.....	1,110	1,057	80.7	67.0	.77	.72	175	197
.....	306	372	95.2	67.5	.73	.99	187	170
.....	230	230	97.7	100.0	2.48	2.59	125	123
.....	-	7	-	-	-	.83	-	187
.....	101	56	100.0	100.0	.40	.38	212	208
.....	1,422	2,130	93.0	89.7	.78	.78	187	181
.....	1,505	1,627	60.4	47.5	.96	1.07	157	156
.....	15	-	100.0	-	1.06	-	177	-
.....	1,131	1,274	80.7	78.0	.90	.90	173	173
.....	2,164	2,878	97.3	88.6	1.73	1.79	124	138
.....	480	621	57.3	42.5	.78	.82	155	161
.....	101	168	75.0	81.2	.74	1.09	190	171
.....	-	4	-	-	-	.66	-	207

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-February 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Louisiana	460	405	100.0	100.0	0.88	0.79	149	141
Louisiana	460	405	100.0	100.0	.86	.79	149	141
Maryland	535	445	88.9	49.5	1.22	1.27	141	152
Maryland	214	290	50.0	46.5	1.11	1.19	172	167
New York	4	*	-	-	1.57	1.64	162	168
West Virginia	317	155	82.5	55.1	1.30	1.43	120	121
Missouri	315	440	99.5	98.4	3.90	3.94	178	209
Missouri	315	440	98.5	98.4	3.90	3.94	178	209
Montana	4,429	4,691	99.5	92.8	.69	.71	138	128
Illinois	627	453	100.0	100.0	.37	.43	277	289
Indiana	67	156	100.0	58.3	.36	.39	282	232
Michigan	-	164	-	100.0	-	.32	-	121
Minnesota	1,551	1,756	98.6	84.3	.73	.77	143	134
Montana	1,916	1,883	100.0	100.0	.77	.77	68	63
Wisconsin	268	280	100.0	100.0	.84	.81	170	168
New Mexico	3,181	3,533	95.5	100.0	.78	.71	163	155
Arizona	1,305	1,197	89.0	100.0	.60	.47	187	198
New Mexico	1,876	2,336	100.0	100.0	.92	.84	145	137
North Dakota	4,502	3,982	94.6	100.0	1.33	1.17	73	73
Minnesota	-	1	-	100.0	-	.87	-	174
North Dakota	4,076	3,644	94.0	100.0	1.33	1.15	69	68
South Dakota	426	337	100.0	100.0	1.42	1.41	114	126
Ohio	4,563	5,151	73.3	73.4	2.93	2.89	146	149
Alabama	92	73	100.0	100.0	1.72	1.93	120	120
Indiana	10	26	-	-	2.44	2.13	139	122
Kentucky	44	29	18.1	42.3	2.77	2.61	117	138
Maryland	7	-	-	-	1.57	-	167	-
Missouri	-	8	-	-	-	2.10	-	173
New Jersey	-	14	-	-	-	1.66	-	203
New York	-	7	-	-	-	1.36	-	157
Ohio	3,978	4,254	71.3	72.0	2.92	2.86	150	152
Pennsylvania	177	478	99.5	97.1	3.21	3.23	158	153
West Virginia	254	262	91.5	64.8	3.33	3.29	98	95
Oklahoma	78	205	79.5	34.6	.92	1.82	145	136
Missouri	-	36	-	100.0	-	3.64	-	138
Oklahoma	78	169	79.5	20.6	.92	1.46	145	135
Pennsylvania	7,582	8,281	75.7	66.3	1.45	1.45	158	154
Delaware	116	67	19.8	35.0	1.11	1.12	171	166
Kentucky	-	5	-	-	-	2.63	-	96
Maryland	302	377	98.0	99.9	1.37	1.47	184	188
Massachusetts	39	150	-	38.9	1.14	1.10	177	171
Michigan	222	263	92.8	77.9	1.08	.97	162	162
New Hampshire	159	27	100.0	100.0	1.10	.93	181	178
New Jersey	-	9	-	-	-	1.84	-	200
New York	837	897	54.1	42.6	1.40	1.44	157	154
Ohio	548	527	52.0	52.6	1.63	1.70	143	136
Pennsylvania	5,007	5,646	79.3	69.2	1.48	1.48	159	153
West Virginia	92	98	100.0	28.7	1.75	1.46	106	121
Wisconsin	200	214	100.0	100.0	1.32	1.22	150	152
Tennessee	579	700	65.7	55.4	1.26	1.04	131	154
Alabama	185	115	29.0	8.1	1.22	.67	131	125
Florida	27	23	100.0	100.0	.93	.81	220	222
Georgia	32	255	-	64.0	1.48	.94	153	193
Illinois	10	-	100.0	-	.59	-	149	-
Kentucky	113	55	96.2	83.2	1.83	2.03	116	-
South Carolina	-	44	-	-	-	-	-	-
Tennessee	211	209	85.5	70.4	-	-	-	-
Texas	7,991	8,195	100.0	99.5	-	-	-	-
Texas	7,991	8,195	100.0	99.5	-	-	-	-
Utah	2,661	2,759	90.1	88.9	-	-	-	-
Nevada	500	554	100.0	100.0	-	-	-	-
Utah	2,161	2,205	87.9	88.1	-	-	-	-
Virginia	2,915	2,970	90.6	88.9	-	-	-	-
Delaware	31	77	100.0	44.7	1.00	.63	205	193
Florida	181	148	90.0	100.0	.64	.57	234	259
Georgia	506	487	88.3	83.1	1.00	1.08	183	178
Massachusetts	287	263	71.7	100.0	.76	.84	176	172
Michigan	-	57	-	100.0	-	1.09	-	184
New Jersey	128	239	97.9	100.0	.57	.58	180	177

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-February 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Virginia								
North Carolina	710	682	98.9	93.2	0.85	0.78	173	168
South Carolina	143	142	100.0	91.6	1.14	.87	164	158
Tennessee	237	195	100.0	100.0	1.28	1.53	128	129
Virginia	712	681	84.2	78.3	.73	.71	157	158
Washington	754	809	100.0	99.1	.75	.88	158	164
Washington	754	809	100.0	99.1	.75	.88	156	164
West Virginia	14,071	15,322	82.9	76.5	1.31	1.28	160	157
Alabama	150	2	86.0	-	.86	.50	143	106
Delaware	224	249	100.0	90.7	.59	.69	184	184
Florida	424	298	85.6	96.7	.87	.86	195	193
Georgia	239	226	89.2	100.0	.53	.57	246	244
Illinois	112	15	16.9	100.0	.58	.53	152	182
Indiana	11	57	-	83.8	.50	.55	170	217
Kentucky	523	584	64.7	36.0	.68	.59	133	125
Louisiana	53	9	100.0	100.0	.46	.55	178	202
Maryland	580	900	92.1	46.1	.90	1.03	159	157
Massachusetts	332	274	87.9	97.3	.91	.99	172	166
Michigan	957	934	90.4	67.1	.63	.70	179	170
New Hampshire	69	197	-	79.8	1.28	1.62	174	178
New Jersey	281	322	80.5	86.1	1.08	.97	189	181
New York	587	787	91.1	91.5	1.58	1.44	163	169
North Carolina	985	1,189	75.5	69.5	.68	.65	174	174
Ohio	2,185	2,126	77.1	81.8	1.57	1.45	152	145
Pennsylvania	1,609	1,494	99.2	93.2	2.24	2.16	151	146
South Carolina	42	5	68.8	-	.80	.75	178	170
Virginia	446	298	65.0	63.4	.81	.75	154	162
West Virginia	4,301	5,355	83.0	76.4	1.49	1.45	153	150
Wyoming	30,568	28,229	84.2	87.5	.45	.44	134	135
Alabama	-	58	-	-	-	.42	-	164
Arkansas	2,166	1,493	100.0	100.0	.37	.38	158	186
Colorado	1,152	882	100.0	100.0	.39	.40	112	109
Georgia	784	108	-	-	.41	.39	154	125
Illinois	501	659	98.9	89.2	.42	.41	287	284
Indiana	1,434	1,460	73.6	83.6	.42	.40	131	131
Iowa	2,229	2,029	70.6	76.6	.43	.40	97	101
Kansas	1,753	2,369	78.8	95.8	.42	.39	122	123
Kentucky	127	-	100.0	-	2.37	-	125	-
Louisiana	1,402	1,068	100.0	100.0	.45	.56	184	182
Michigan	304	12	-	-	.37	.41	118	124
Minnesota	1,100	1,452	100.0	100.0	.29	.27	133	127
Missouri	1,765	1,203	76.0	61.7	.44	.42	89	98
Nebraska	1,358	1,457	83.7	77.2	.41	.43	78	77
Nevada	62	245	100.0	100.0	.44	.42	197	203
Oklahoma	2,581	2,553	89.5	91.6	.45	.45	132	136
Oregon	302	-	100.0	-	.40	-	109	-
Texas	5,754	5,339	96.8	94.5	.42	.44	182	181
Washington	-	157	-	-	-	.23	-	128
U.S.	1,811	1,655	73.6	71.8	.41	.40	120	119
Foreign	3,983	4,030	80.8	86.9	.64	.61	85	83
.....	363	274	52.3	75.0	.60	.59	160	179
.....	363	207	52.3	85.4	.60	.65	160	178
.....	363	177	52.3	100.0	.60	.66	160	178
.....	-	30	-	-	-	.59	-	177
.....	-	67	-	42.9	-	.42	-	181
.....	-	39	-	-	-	.42	-	180
.....	-	29	-	100.0	-	.43	-	183
Total	124,415	128,916	85.0	82.4	1.28	1.30	148	146

or is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.
 il sum of components because of independent rounding. MM Btu represents million Btu.
 ulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

EIA Coal Data and Coal Models on Tape and Electronic Access

Coal Data Tapes

The **Coal Distribution** data tapes contain annual data on coal shipments by origin, destination, consumer sector and mode of transportation as well as on coal production and producer/distributor stocks, beginning with 1980. Additional information is available from Steve Scott, (202) 254-5467.

The **Coal Production** data tapes contain annual data on production, average mine price, reserves, employment and productivity, beginning with 1979. Additional information is available from John G. Colligan, (202) 254-5465.

The **Quarterly Coal Report** data tape contains quarterly data on production, exports, imports, consumption, receipts, delivered prices and stocks, beginning with 1980. Additional information is available from Paulette Young, (202) 254-5481.

Coal Data By Electronic Access

Public access to coal data is available electronically by dialing (202) 586-8658. Communications are asynchronous at 300 or 1200 baud line speeds and require a standard ASCII-type terminal. (This service is free of charge).

Weekly Coal Production: This file contains current weekly coal production data. Additional information is available from Mary K. Paull, (202) 254-5379.

Quarterly Coal Report: This file contains comprehensive data on U.S. coal production, exports, imports, receipts, consumption and stocks. Additional information is available from T.C. Swann, (202) 254-5407.

Coal Model Tapes

The **Coal Supply and Transportation Model (CSTM)** is used to forecast coal production levels and coal transportation flows. The CSTM has been used to develop projections which appear in *Outlook for U.S. Coal Imports* and the *Annual Outlook for U.S. Coal* and served as the basis for an EIA report on rail deregulation and an EIA report on coal slurry pipelines.

CSTM projections will appear in the *Annual Energy Outlook 1991*, and were used in support of the National Coal Model (NCM) to provide analysis of the Clean Air Act Amendments of 1990. It also provides forecasts for several other EIA coal and multi-fuel reports. Additional information is available from Rich Newcombe, (202) 254-5370.

The **International Coal Trade Model (ICTM)** projects coal trade flows and represents all the major coal-exporting and coal-importing countries, as well as those with the potential to become major coal exporters. The ICTM is used to develop coal trade forecasts presented each year in *Annual Prospects for World Coal Trade*. In addition, ICTM projections served as the foundation for two recent service reports, *The Impact of Eliminating Coal Subsidies in Western Europe* and *Lower U.S. Mining Costs: Impact on World Coal Trade Projections*. Additional information is available from Fred Mayes, (202) 254-5409.

The **National Coal Model (NCM)** provides detailed projections of coal supply, transportation, and electric utility consumption. The NCM is primarily used to assess the consequences of proposed clean air legislation on the coal and electric utility industries, as in its use during 1990 to analyze impacts of the Clean Air Act Amendments of 1990. Additional information is available from Rich Newcombe, (202) 254-5370.

The **Resource Allocation and Mine Costing Model (RAMC)** uses estimates of coal reserves and cost estimates for new mine development to construct long-term supply curves relating coal prices and production for specific types of coal, supply regions, and mining methods. These supply curves are used in the CSTM, ICTM, and NCM. Additional information is available from B.D. Hong, (202) 254-5365.

The **Short-term Coal Analysis System (SCOAL)** is a series of equations used to project quarterly coal production trends by State. SCOAL projections appear in the *Short-term Energy Outlook*, EIA's quarterly summary of energy demand and supply projections, and the *Quarterly Coal Report*. Additional information is available from Fred Freme, (202) 254-5367.

The **PC-Coal Model** projects coal production, coal mine-mouth prices, and delivered coal prices for seven supply regions. This simplified model is available on diskette. Additional information is available from B.D. Hong, (202) 254-5365.

NOTE: To order coal model tapes or data tapes, or to learn more about them, contact the National Energy Information Center at (202) 586-8800.

EIA Coal Publications

Data Reports

Coal Production reports annual coal production, average mine price, average daily production, major seams mined, recoverable reserves, average recovery percentage, average productivity per miner per hour, average number of miners working daily, number of days worked, and the Nation's demonstrated reserve base. (Issued annually)

Coal Data: A Reference is a comprehensive overview of the U.S. coal industry which, is designed to be of value to both laypersons and technicians. It contains a historical review of the U.S. coal industry and up-to-date information on U.S. coal deposits, reserves, mining methods, production, employment, health and safety, preparation, transportation, stocks, uses, exports, environmental issues, and the coal industry's outlook for the future. Also presented is an extensive bibliography of books, publications, and articles on coal and a listing of Federal, State, and private sources of coal information. (Issued biennially)

Coal Distribution reports shipments of coal by State of destination, consuming sector, mode of transportation, and coal-producing State of origin. It also presents production, purchases and producer/distributor stocks. (Issued quarterly)

Quarterly Coal Report (QCR) highlights coal-related legislation and industry trends, and quarterly data on coal production, exports and imports, consumption, receipts, and stocks. Additional data covering the coke industry, coal imports and metric versions of summary level tables are also available. (Issued quarterly)

Weekly Coal Production (WCP) provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for

generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also reports summary-level, monthly data for all coal-consuming sectors on a quarterly basis. (Issued weekly)

Analytical Reports

Annual Outlook for U.S. Coal expands on the coal forecasts of the *Annual Energy Outlook*, EIA's volume on multi-fuel price, supply and demand projections to the year 2010. By focusing on a single fuel, the *Annual Outlook for U.S. Coal* clarifies how the projections are made, discusses major coal industry issues, and provides additional detailed projections. (Issued annually)

Annual Prospects for World Coal Trade projects U.S. coal exports and imports, analyzes world coal trade flows, and highlights both current and potential major coal-exporting countries. (Issued annually)

The Changing Structure of the U.S. Coal Industry 1976-1986 analyzes the changes which have occurred in the U.S. coal industry between 1976 and 1986. Utilizing concentration ratios and other data, the report confirms the shift in coal production from smaller to larger firms, while showing that the production shares of the largest firms have decreased. (June 1988, 34 pages)

Lower U.S. Mining Costs: Impact on World Coal Trade Projections reports the results of a study requested by the Department of the Interior. It evaluates a set of scenarios wherein U.S. eastern mining costs are progressively lowered, reflecting possible productivity gains from advanced coal mining technology. (August 1988, 35 pages)

The Impact of Eliminating Coal Subsidies in Western Europe evaluates the increase likely in world coal trade if all western European countries and Japan eliminated all support to their domestic coal industries. By far, the countries which would suffer the greatest declines in production are Germany and the United Kingdom. (September 1989, 31 pages)

To order these reports or to learn more about them, contact the National Energy Information Center at (202) 586-8800.

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